



NATIONAL
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STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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KBM 21-06

AGRICULTURAL NEWS: Kentucky received welcome and widespread rains last week. The most significant amounts of precipitation were received in western and central Kentucky. Some locales, especially southeastern parts of the State are still in need of moisture to benefit stressed crops. **Topsoil moisture** as of Friday, August 11, was rated 8 percent very short, 30 percent short, 59 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 8 percent very short, 34 percent short, 56 adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.1 days out of a possible 7 days. Along with general farm work; farm activities last week included topping and cutting tobacco, spraying tobacco for blue mold and baling hay.

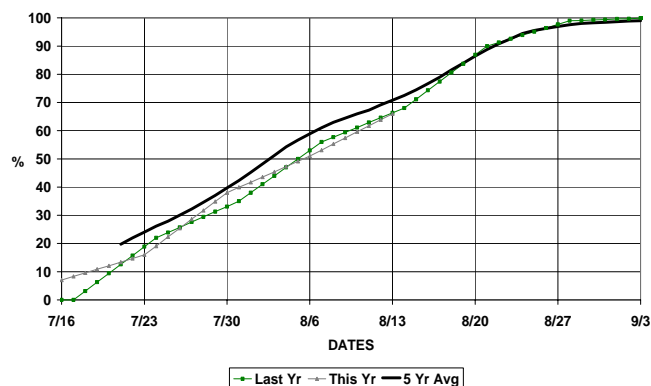
TOBACCO: Tobacco condition was mostly good to excellent with 1 percent rated very poor, 5 percent poor, 20 percent fair, 51 percent good, and 23 percent excellent. Blue mold is still a presence across the State, but not generally considered severe. There were a few reports of black shank. Farmers have started cutting their tobacco. As of Sunday, August 13, 11 percent of the burley had been cut, just behind the average of 12 percent, but ahead of the 9 percent cut a year ago. Fifty-nine percent of the burley had been topped, behind both the five year average of 66 percent and last year's 64 percent. Four percent of the dark tobacco has been cut, compared to last year's 7 percent and 9 percent for the five year average. Three-fourth's of the dark tobacco has been topped, behind 81 percent for last year and 85 percent on average.

CORN: Forty-four percent of the corn acreage was in the dent stage, just behind 45 percent last year and 46 percent for average. Sixty-six percent was in the dough stage or beyond, the same as a year earlier, but behind the five year average of 71 percent. Eighty-six percent was in the milk stage or beyond, compared to 89 percent a year ago and the five year average of 90 percent. Corn condition was mostly good to excellent with 4 percent poor, 10 percent fair, 48 percent good, and 38 percent excellent.

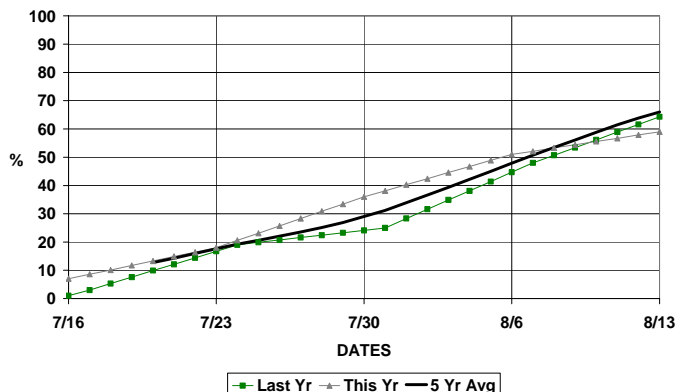
SOYBEANS: Fifty-five percent of the soybeans were setting pods, behind last year's 60 percent, but only slightly behind the average of 56 percent. As of Sunday, August 13, 77 percent of soybeans were blooming, behind 81 percent a year ago and the five year average of 79 percent. Overall, the soybean condition remained steady with 3 percent rated as poor, 14 percent fair, 56 percent good, and 27 percent excellent.

OTHER CROPS: Hay was harvested and baled as weather permitted last week. Overall hay condition declined some last week, but still remains in mostly fair to good condition, with 3 percent very poor, 12 percent poor, 31 percent fair, 46 percent good, and 8 percent excellent. As of Friday, August 11, pasture condition had also declined, with 4 percent very poor, 12 percent poor, 34 percent fair, 43 percent good, and 7 percent excellent. Some areas of the State need more rain to green up pastures.

CORN PERCENT DOUGH OR BEYOND



BURLEY TOBACCO PERCENT TOPPED



KENTUCKY CROP PROGRESS

WEEK ENDING AUGUST 13, 2006

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	77	81	79	74	93
Setting Pods	55	60	56	50	72
Corn					
Milk Stage	86	89	90	75	NA
Dough Stage	66	66	71	51	44
Dent Stage	44	45	46	27	12
Burley Tobacco					
Topped	59	64	66	51	NA
Cut	11	9	12	NA	NA
Dark Tobacco					
Topped	75	81	85	70	NA
Cut	4	7	9	NA	NA

(NA)Data Not Available.

SOIL MOISTURE

WEEK ENDING AUGUST 11, 2006

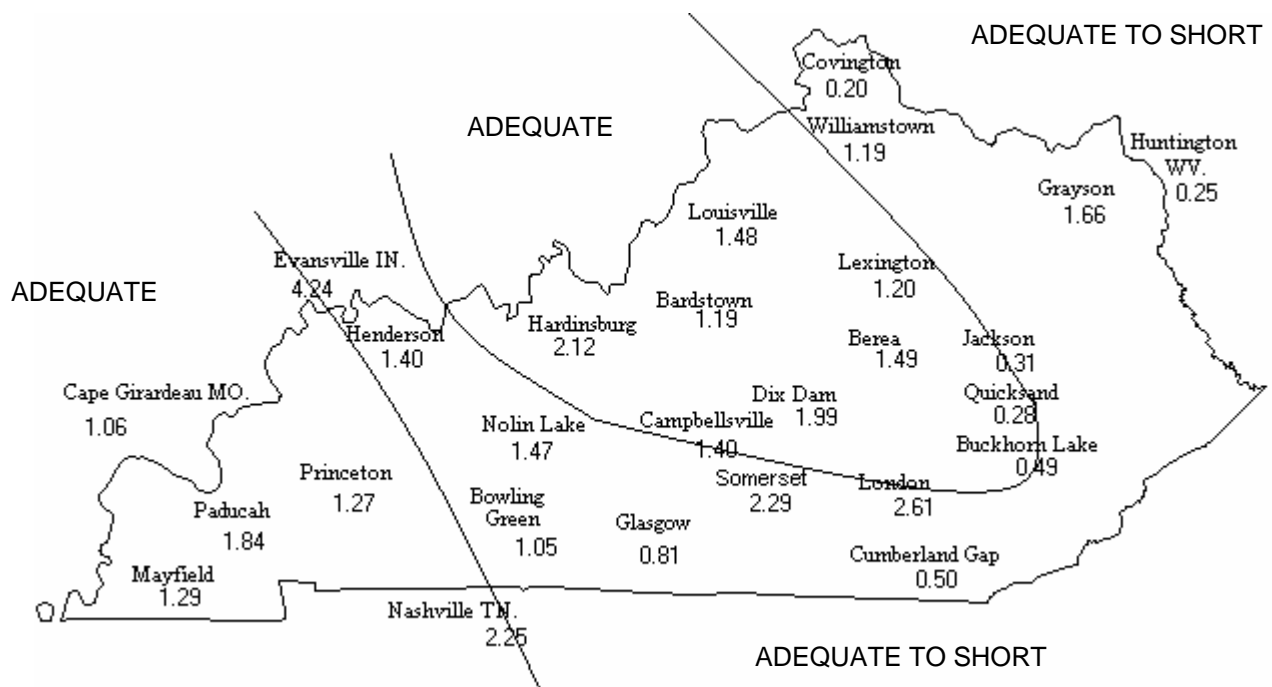
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	8	13
Short	30	39
Adequate	59	46
Surplus	3	2
SUBSOIL		
Very Short	8	9
Short	34	39
Adequate	56	49
Surplus	2	3

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING AUGUST 11, 2006						WEEK ENDING AUGUST 4, 2006				
CROP	VERY POOR		FAIR	EXCEL- LENT		VERY POOR	EXCEL- LENT		FAIR	GOOD
	POOR	GOOD		POOR	GOOD		POOR	GOOD		EXCEL- LENT
Corn	0	4	10	48	38	0	4	9	45	42
Soybeans	0	3	14	56	27	0	3	15	53	29
Pasture	4	12	34	43	7	2	10	34	44	10
Hay Crops	3	12	31	46	8	1	10	31	47	11
Tobacco	1	5	20	51	23	1	3	20	55	21

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 13, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 11, 2006



KENTUCKY WEATHER SUMMARY, AUGUST 7 – 13, 2006:

Above Normal Temperatures and Above Normal Rainfall:

After three consecutive weeks of below normal rainfall, above normal rainfall fell across the Commonwealth this past week. The work week started off warm and humid as high pressure dominated the weather pattern. By Tuesday, a cold front moved into the Ohio River Valley and stalled over Kentucky. Rain fell in portions of the State Tuesday and Wednesday, with beneficial rainfall coming State-wide on Thursday and Friday. By the weekend, high pressure moved in and brought cooler and drier conditions to the Bluegrass.

Temperatures for the period averaged 79 degrees across the State which was 4 degrees above normal, and 3 degrees cooler than the previous week's average. High temperatures averaged from 90 in the West to 87 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 71 degrees in the West to 70 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 6 degrees above normal in the East. Extreme temperatures ranged from a maximum in the upper 90s to a minimum in the low 60s.

Precipitation (liq. equ.) for the period totaled 1.36 inches statewide which was 0.52 inches above normal. Precipitation totals by climate division, West 1.70 inches, Central 1.54 inches, Bluegrass 1.19 inches and East 1.02 inches, which was 0.91, 0.69, 0.33 and 0.15 inches respectively above normal. By station, precipitation totals ranged from a low of 0.07 inches at Quicksand to a high of 4.24 inches at Evansville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.19	15.53	3.13	-3.13	-0.94	94	65	77.9	+3	184	2529	+61
Berea	1.49	15.11	2.15	-4.00	-1.66	94	66	77.9	+4	186	2601	+58
Bowling Green	1.05	15.16	2.13	-4.48	-1.64	99	68	81.1	+6	195	2773	+200
Bristol	0.70	16.49	2.79	+0.10	-0.63	90	57	76.3	+2	177	2427	+81
Buckhorn Lake	0.49	15.52	1.10	-2.86	-2.77	95	66	79.1	+5	191	2592	+363
Cape Girardeau	1.06	18.83	1.28	+0.74	-1.90	97	66	81.1	+4	194	2814	+105
Campbellsville	1.40	15.26	3.58	-6.12	-0.93	96	65	80.0	+5	191	2518	+5
Covington	0.20	16.10	2.14	-1.41	-1.32	92	64	77.3	+3	183	2436	+119
Cumberland Gap	0.50	15.35	2.93	-4.89	-1.44	95	66	79.1	+5	191	2557	+241
Dix Dam	1.99	15.53	2.88	-3.70	-1.16	94	65	77.7	+4	184	2477	-4
Evansville	4.24	23.65	5.18	+6.05	+1.92	95	64	79.5	+3	195	2738	+164
Glasgow	0.81	18.85	2.22	-2.36	-2.04	98	63	81.1	+6	190	2745	+262
Grayson	1.66	19.37	2.94	+1.21	-0.98	95	62	78.3	+4	190	2497	+316
Hardinsburg	2.12	20.63	4.86	+1.30	+0.97	95	66	79.2	+4	192	2583	+10
Henderson	1.40	19.22	3.06	+1.20	-0.25	95	66	79.9	+3	193	2592	-12
Huntington	0.25	18.08	1.43	-0.06	-2.61	96	61	78.4	+4	189	2580	+233
Jackson	0.31	15.44	0.72	-3.89	-3.50	92	65	78.3	+4	188	2626	+397
Lexington	1.20	17.26	1.80	-1.40	-2.27	94	64	77.4	+3	182	2492	+145
London	2.61	16.38	3.59	-1.57	-0.10	95	67	77.6	+3	182	2516	+200
Louisville	1.48	24.73	4.92	+6.43	+1.25	95	65	78.4	+3	188	2541	-46
Mayfield	1.29	18.18	3.98	-1.35	+0.20	95	66	79.1	+2	191	2557	-77
Nashville	2.25	18.16	5.00	-0.08	+1.63	98	70	82.1	+7	202	2967	+215
Nolin Lake	1.47	19.71	3.43	-0.84	-0.59	97	67	80.4	+5	195	2594	+217
Paducah	1.84	23.10	4.96	+3.51	+1.53	96	67	81.5	+5	197	2887	+209
Princeton	1.27	18.04	3.01	-1.54	-0.75	97	65	82.0	+5	197	2807	+160
Quicksand	0.28	13.58	0.68	-5.75	-3.54	95	66	79.1	+5	191	2553	+324
Somerset	2.29	17.85	3.09	-2.34	-0.92	95	66	78.9	+5	188	2469	+62
Spindletop	1.78	15.24	2.77	-3.42	-1.30	93	64	76.7	+3	179	2428	+81
Williamstown	1.19	19.67	2.67	+1.25	-1.09	93	64	77.2	+3	183	2413	+66

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwax.ca.uky.edu/>

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 6, 2006

SOYBEANS SETTING PODS

State	Curr	Last Wk	2005	Avg
AR	82	71	77	66
IL	69	43	82	66
IN	46	30	70	57
IA	84	66	80	72
KS	59	43	56	57
KY	50	35	56	46
LA	91	86	84	83
MI	64	42	76	52
MN	86	62	71	56
MS	98	96	96	92
MO	52	33	57	44
NE	81	64	77	62
NC	34	18	24	25
ND	98	93	87	78
OH	68	36	76	57
SD	70	49	57	56
TN	82	71	88	59
WI	65	48	69	43
18 States	72	53	73	61

These 18 States planted 95% of last year's soybean acreage.

CORN SILKING

State	Curr	Last Wk	2005	Avg
CO	75	55	70	74
IL	99	98	99	98
IN	94	87	99	94
IA	99	94	98	94
KS	99	98	99	98
KY	98	92	99	97
MI	94	84	96	81
MN	99	98	99	95
MO	100	98	100	97
NE	99	95	98	96
NC	100	100	100	99
ND	99	91	94	88
OH	98	89	98	91
PA	89	75	91	77
SD	86	66	85	79
TN	100	100	100	100
TX	99	98	98	99
WI	89	75	92	74
18 States	97	91	97	92

These 18 States planted 93% of last year's corn acreage.

CORN DOUGH

State	Curr	Last Wk	2005	Avg
CO	20	6	18	14
IL	64	42	61	56
IN	41	22	47	41
IA	29	11	40	23
KS	71	42	57	62
KY	51	38	53	59
MI	22	4	18	7
MN	12	2	9	7
MO	84	59	83	73
NE	56	29	48	41
NC	94	83	81	81
ND	28	10	15	18
OH	35	13	29	28
PA	35	16	33	30
SD	27	12	13	17
TN	94	83	90	88
TX	92	85	83	83
WI	18	6	14	9
18 States	44	25	42	36

These 18 States planted 93% of last year's corn acreage.

CROP CONDITION PERCENT FOR WEEK ENDING AUGUST 6, 2006

SOYBEANS

State	VP	P	F	G	EX
AR	7	19	33	32	9
IL	2	6	24	52	16
IN	2	7	25	54	12
IA	4	10	27	43	16
KS	2	15	45	34	4
KY	0	3	15	53	29
LA	4	16	40	38	2
MI	1	6	25	54	14
MN	6	10	24	46	14
MS	15	23	30	29	3
MO	6	17	42	31	4
NE	6	20	36	32	6
NC	0	5	27	57	11
ND	10	20	39	28	3
OH	2	7	24	49	18
SD	13	21	38	25	3
TN	6	10	27	45	12
WI	3	10	23	39	25
18 States	5	12	30	41	12
Prev Week	5	12	30	42	11
Prev Year	6	13	30	40	11

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

CORN

State	VP	P	F	G	EX
CO	5	12	30	42	11
IL	2	6	22	51	19
IN	2	7	23	53	15
IA	5	11	25	41	18
KS	12	20	34	29	5
KY	0	4	9	45	42
MI	1	7	17	53	22
MN	8	10	26	43	13
MO	6	14	33	41	6
NE	7	11	28	36	18
NC	0	2	19	54	25
ND	13	21	36	28	2
OH	2	6	19	49	24
PA	0	3	16	53	28
SD	24	26	28	20	2
TN	6	12	25	40	17
TX	33	15	29	19	4
WI	7	12	23	38	20
18 States	7	11	25	41	16
Prev Week	7	11	26	41	15
Prev Year	8	14	26	39	13

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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